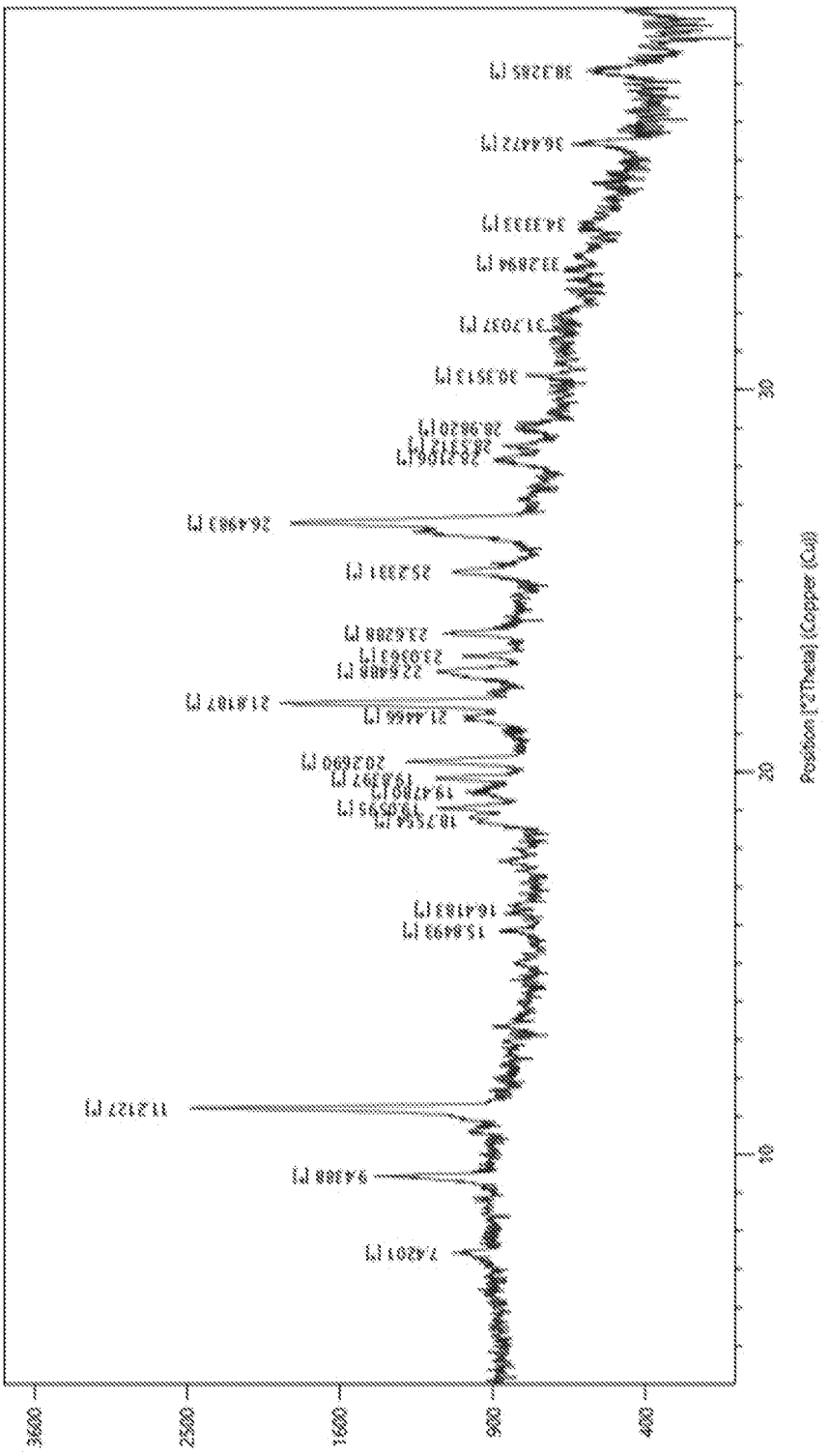


图 1

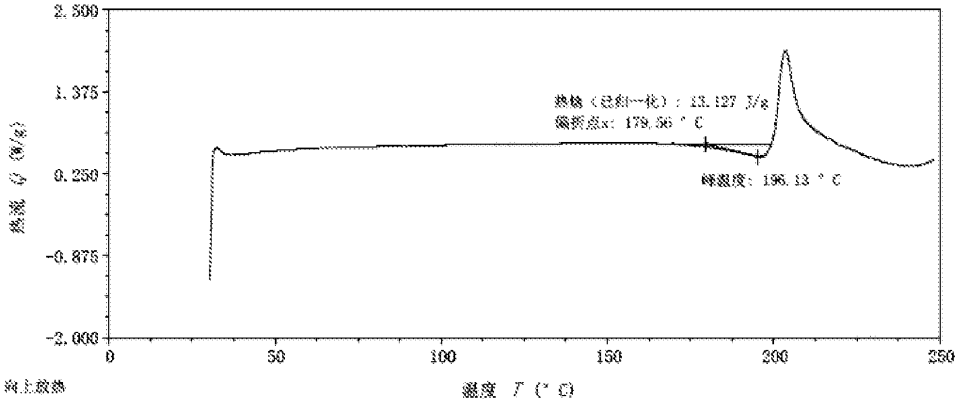

2.500
1.375
0.250
-0.875
-2.000
0
50
100
150
200
250
热流 Q (W/g)
温度 T (° C)
向上放热
峰温度：196.13 ° C

图 2

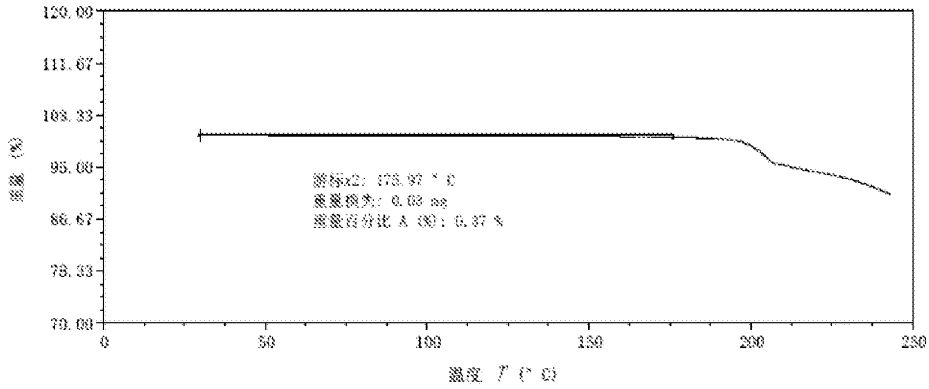

120.00
111.67
103.33
95.00
86.67
78.33
70.00
0
50
100
150
200
250
温度 T (° C)

图 3

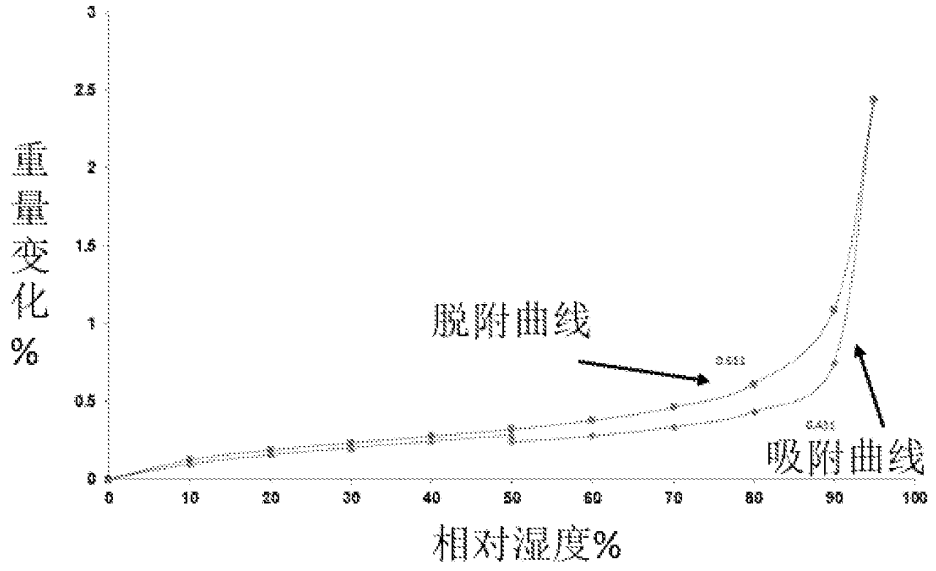


图 4

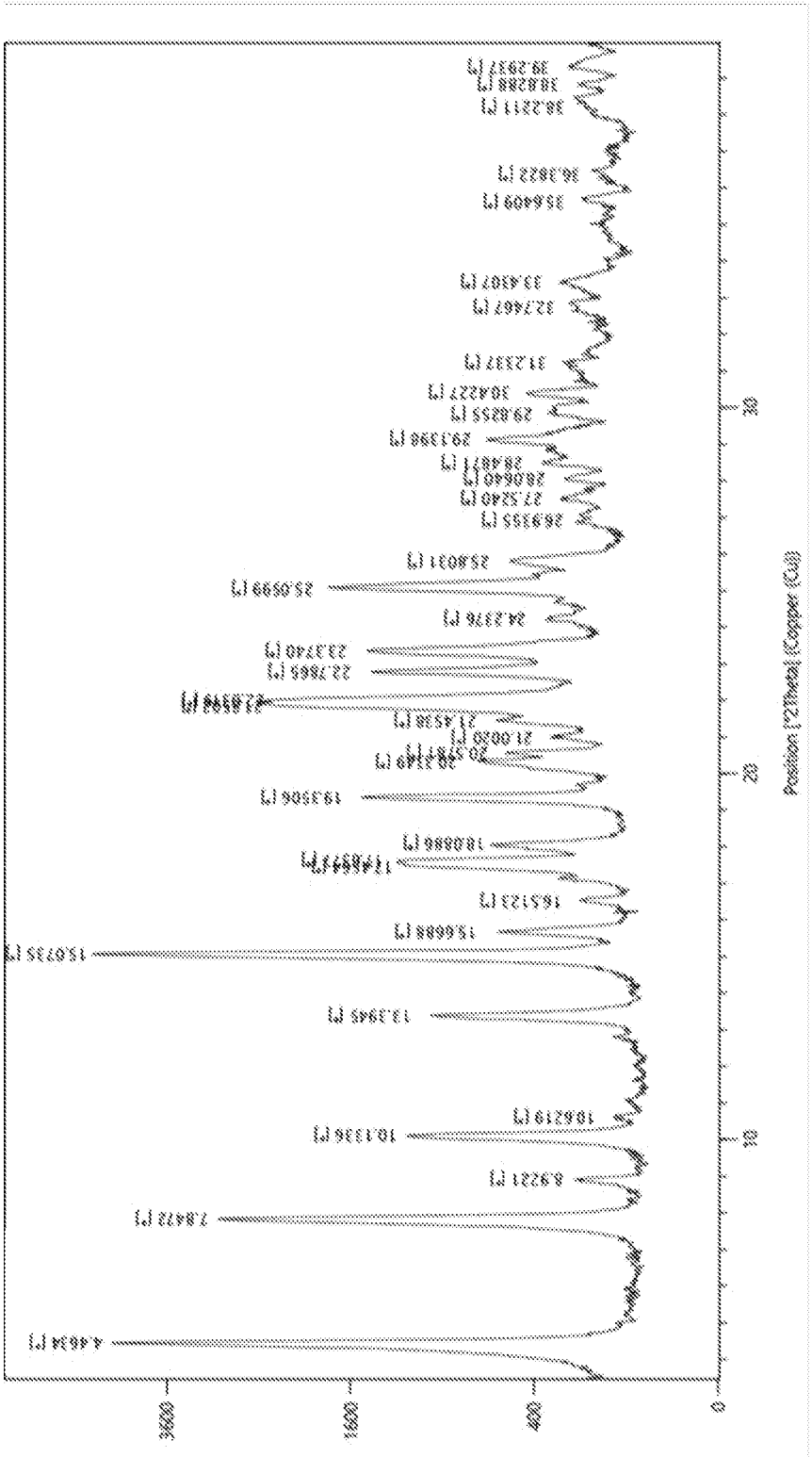

4.6634
7.8472
8.9221
10.1336
10.6219
13.3945
15.0735
15.6688
16.5123
17.4897
18.0886
18.3506
20.3149
21.0020
21.4538
22.3865
22.3740
23.8994
25.0599
25.8031
26.8135
27.5240
28.0640
28.4871
29.1396
29.8255
30.4227
31.2337
32.2407
33.4107
33.6409
36.3822
38.2211
38.8288
39.2957
3000
1500
400
0
10
20
30
Position [°2Theta] (Copper (Cu))

图 5

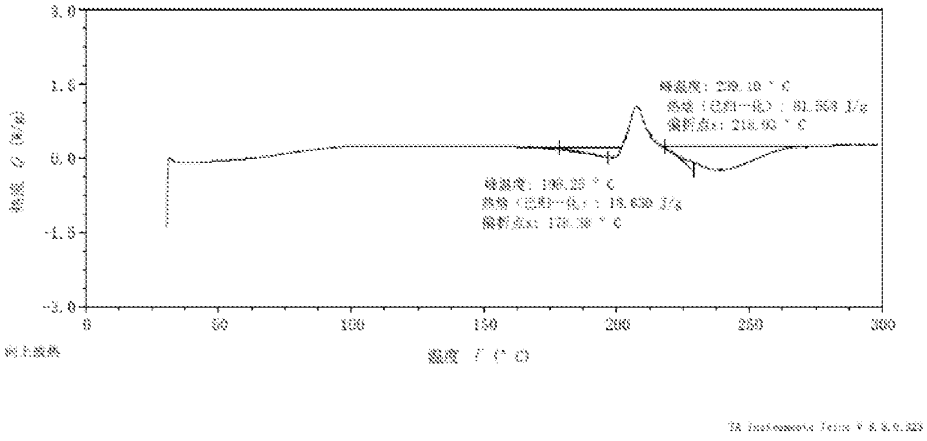

3.0
1.5
0.0
-1.5
-3.0
0
50
100
150
200
250
300
温度 /° (° C)

图 6

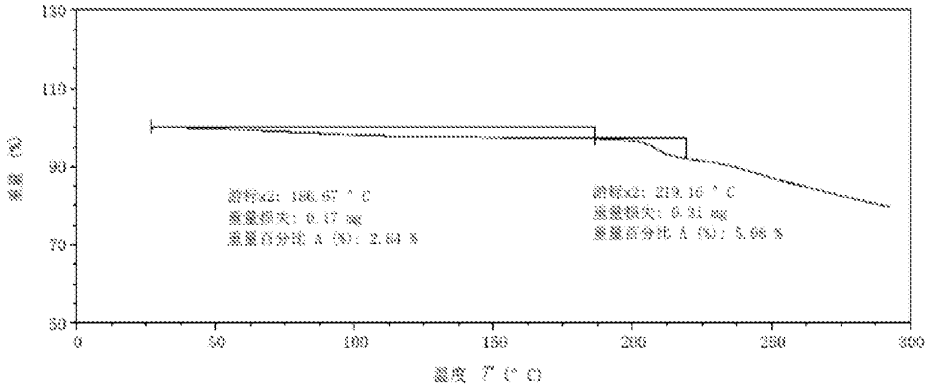

150
110
90
70
50
0
50
100
150
200
250
300
温度 /° (° C)

图 7

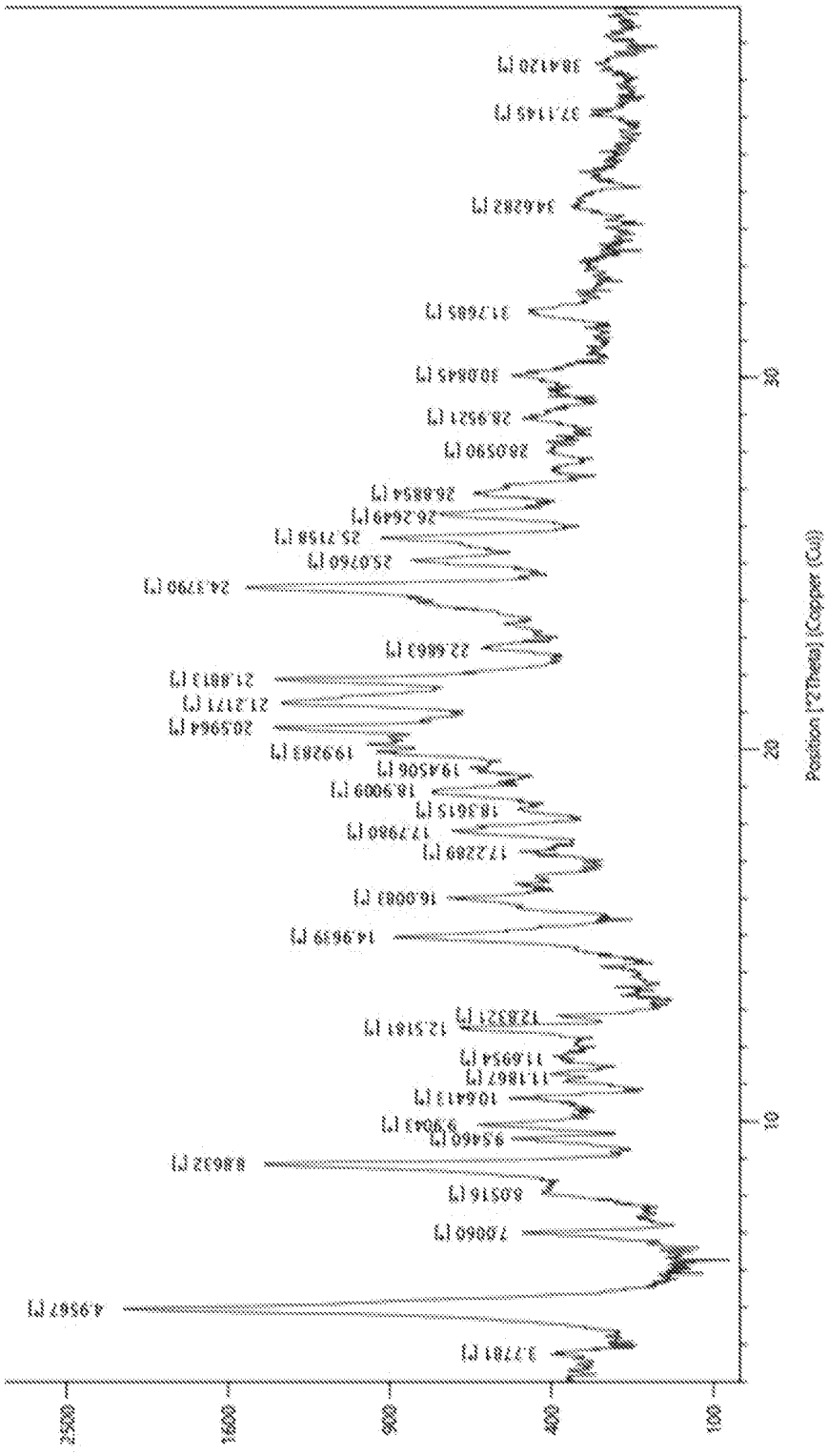

Position [°2Theta] (Copper (Cu))
10
20
30
100
400
900
1600
2500
3.7781
4.9587
7.0060
8.0516
8.8632
9.5460
9.9043
10.6413
11.1867
11.6954
12.3181
12.8321
14.9659
16.0083
17.2289
17.7980
18.3615
18.9009
19.4506
19.9283
20.5964
21.2171
21.8013
22.6863
24.1790
25.0760
25.7158
26.2649
26.8854
27.8580
28.9521
30.0845
31.7685
34.6282
37.1145
38.4120

图 8

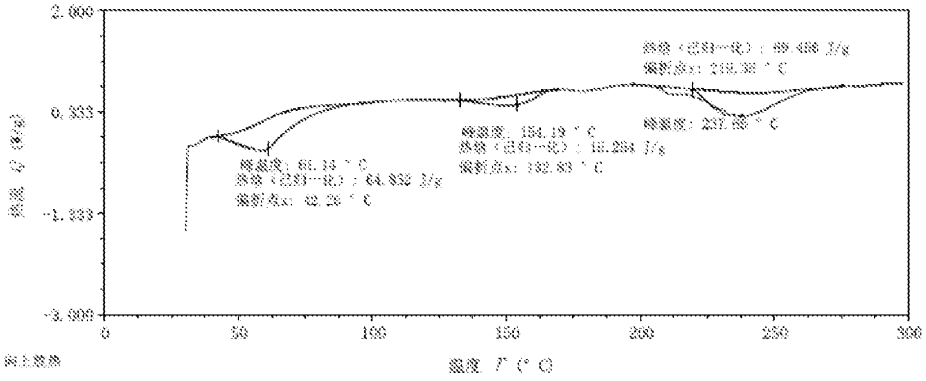

2.000
0.333
-1.333
-3.000
0
50
100
150
200
250
300
温度 /°C

图 9

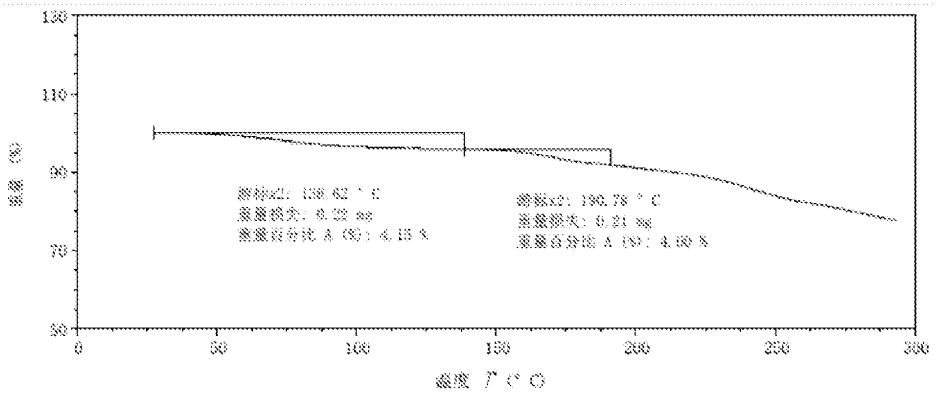

130
110
90
70
50
0
50
100
150
200
250
300
温度 /°C

图 10

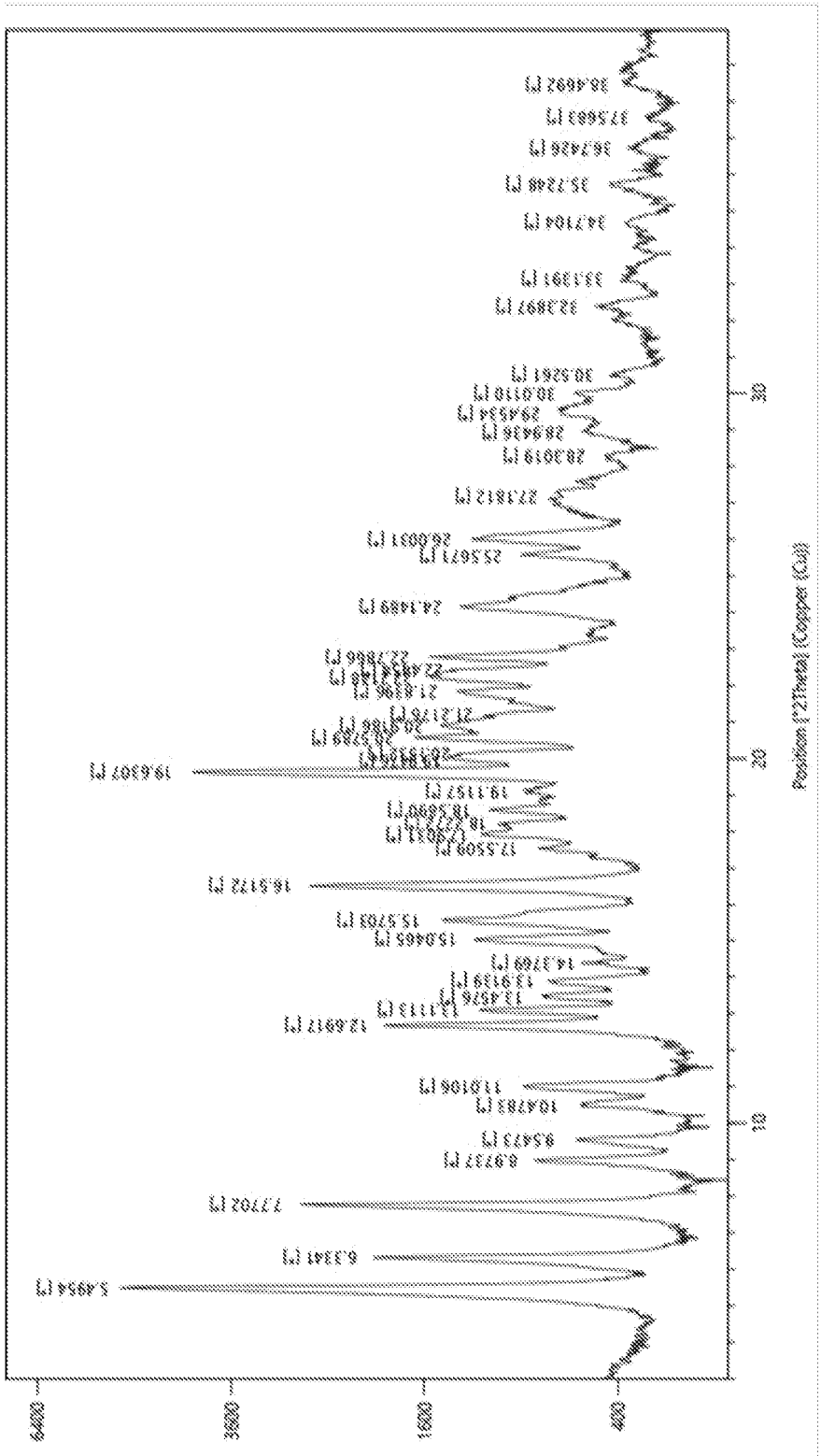

5.4954 [°]
6.3349 [°]
7.7702 [°]
8.9737 [°]
9.5473 [°]
10.4783 [°]
11.0106 [°]
12.6912 [°]
13.1113 [°]
13.4576 [°]
13.9139 [°]
14.3709 [°]
15.0465 [°]
15.9703 [°]
16.5172 [°]
17.5509 [°]
18.5690 [°]
19.1152 [°]
19.6307 [°]
20.3289 [°]
21.3176 [°]
21.8196 [°]
22.4852 [°]
22.7986 [°]
24.1489 [°]
25.5071 [°]
26.0051 [°]
27.1812 [°]
28.3019 [°]
28.9436 [°]
29.4534 [°]
30.0170 [°]
30.5261 [°]
32.3897 [°]
33.1391 [°]
34.2704 [°]
35.2246 [°]
36.2426 [°]
37.5603 [°]
38.4092 [°]
6400
3600
1600
400
10
20
30
Position [°2Theta] (Copper (Cu))

图 11

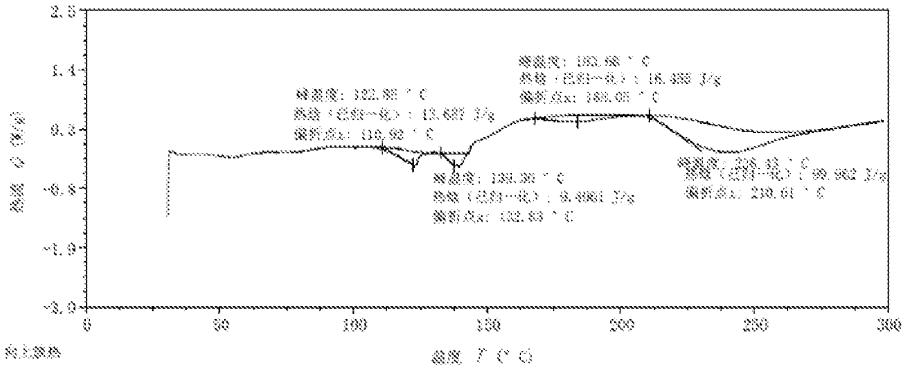


图 12

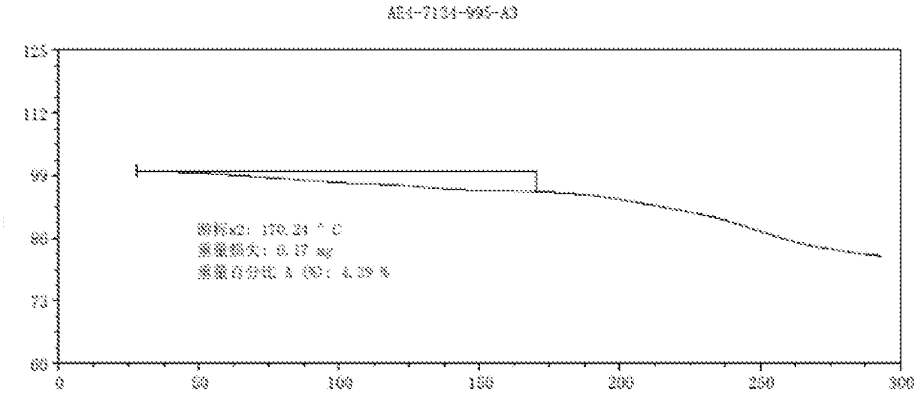


图 13

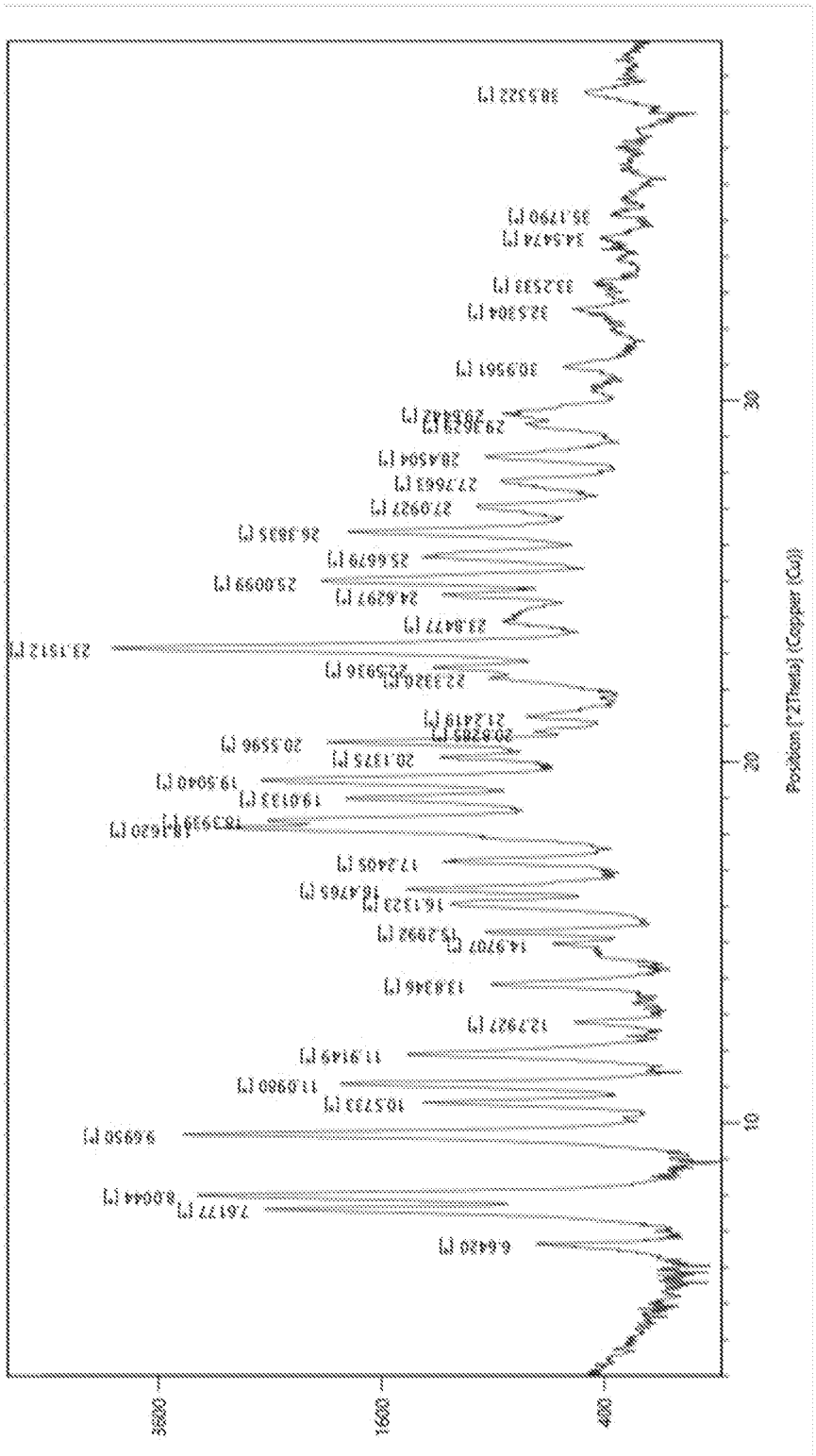

Position [°2Theta] (Copper (Cu))
38.5322
35.1790
34.5474
33.2532
32.5304
30.9561
29.3623
28.4504
27.7663
27.0927
26.3835
25.6079
25.0099
24.6297
23.8477
23.1512
22.5036
22.3324
21.2419
20.8289
20.5596
20.1375
19.5040
19.0133
18.6620
18.3538
17.2405
16.8766
16.1323
15.2992
14.9707
13.8346
12.7927
11.9149
11.0980
10.5723
9.6930
8.0044
7.6177
6.6430
35000
16000
400

图 14

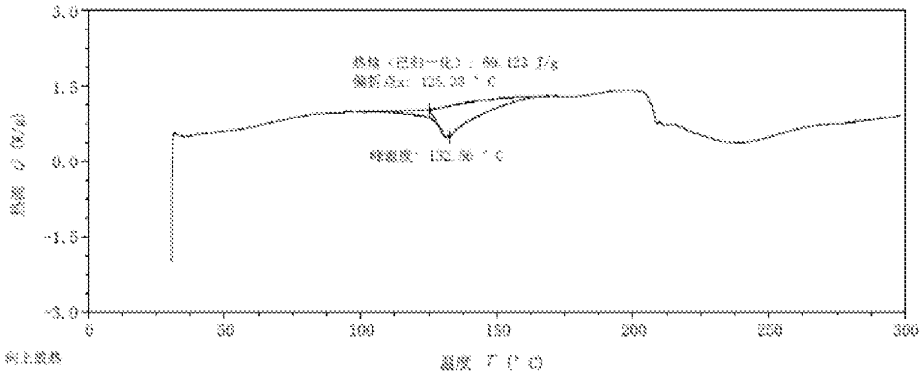

3.0
1.5
0.0
-1.5
-3.0
0
50
100
150
200
250
300
温度 T (° C)

图 15

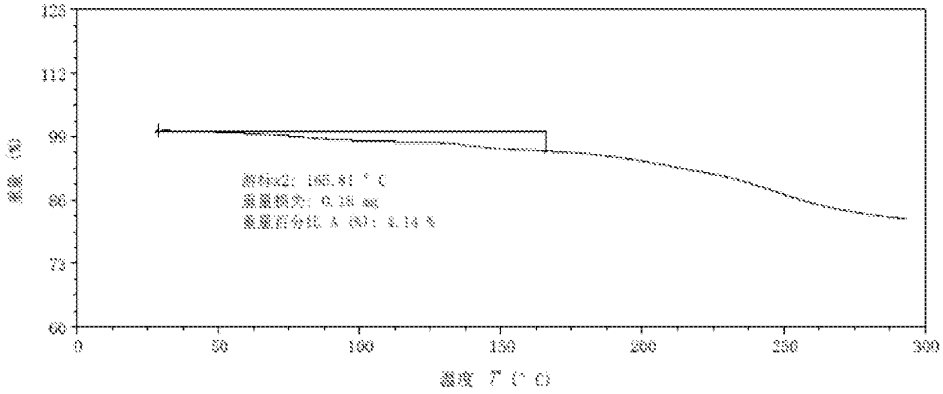

120
110
90
80
70
60
0
50
100
150
200
250
300
温度 T (° C)

图 16

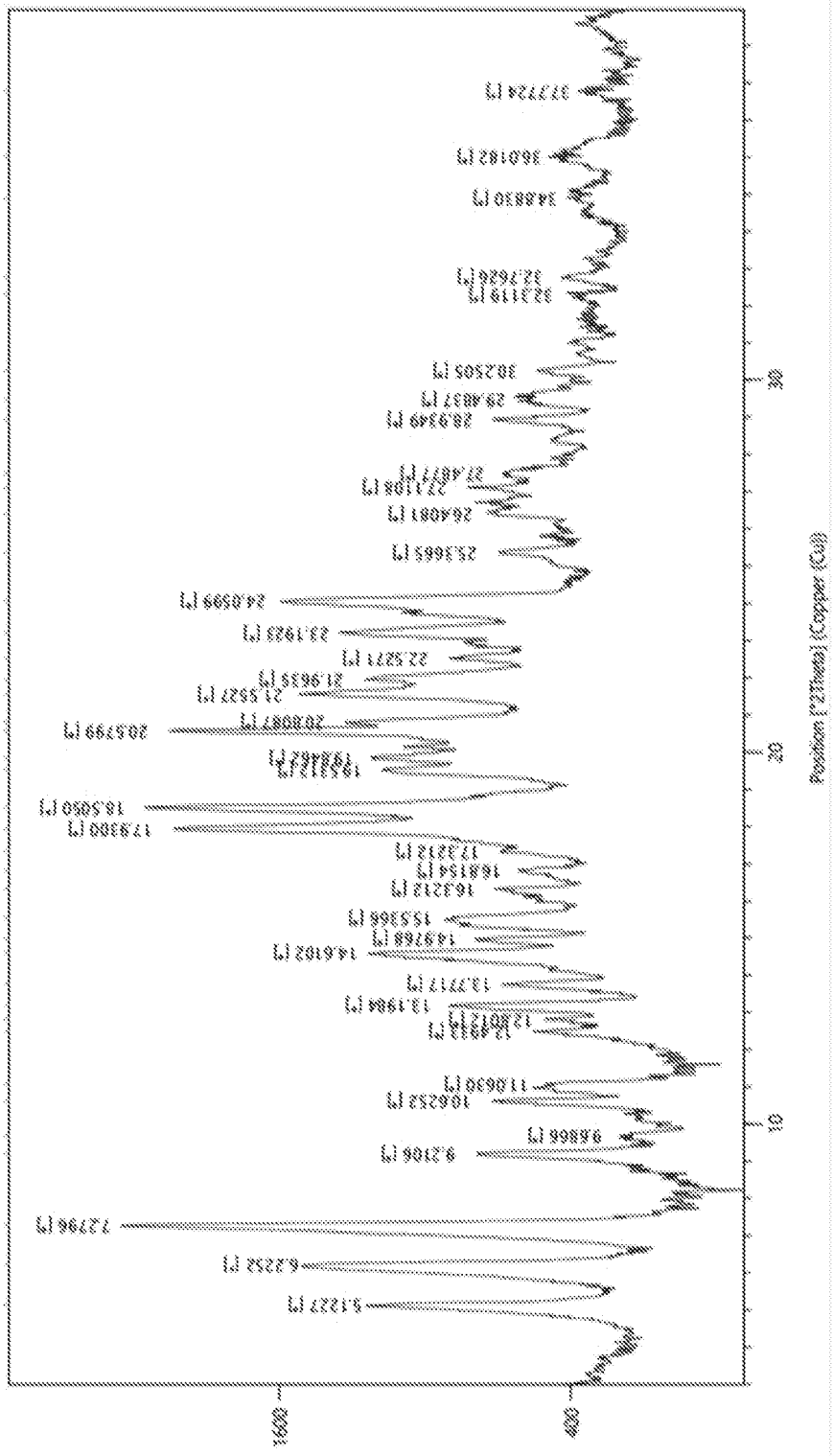


图 17

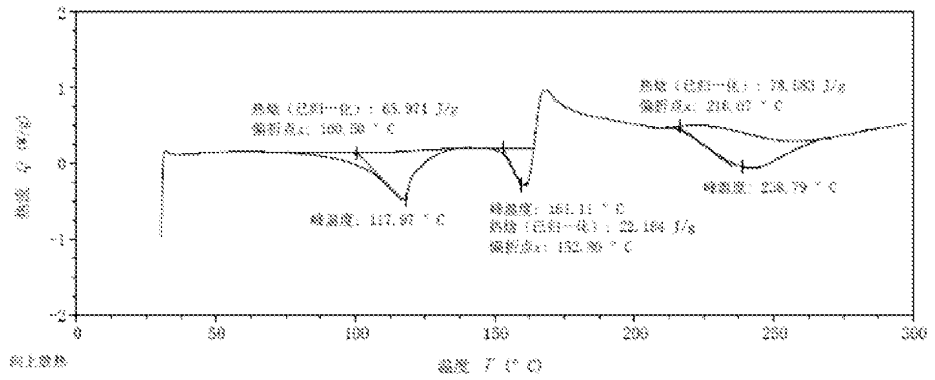

2
1
0
-1
-2
0
50
100
150
200
250
300
温度 T (° C)

图 18

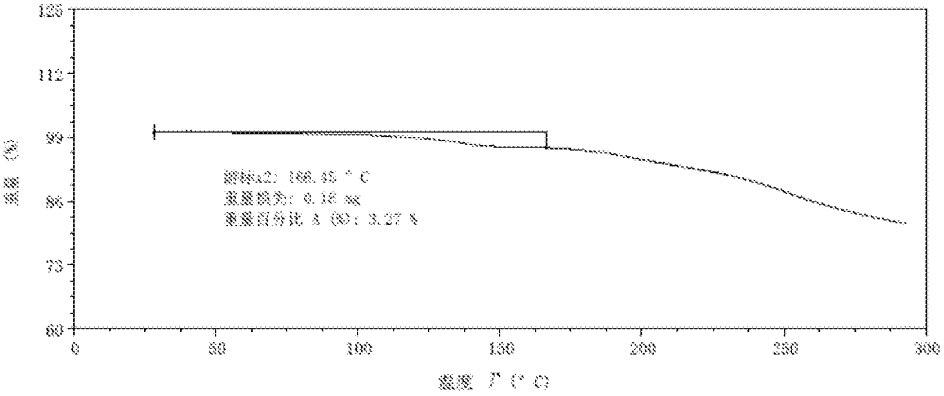

125
112
99
86
73
60
0
50
100
150
200
250
300
温度 T (° C)

图 19

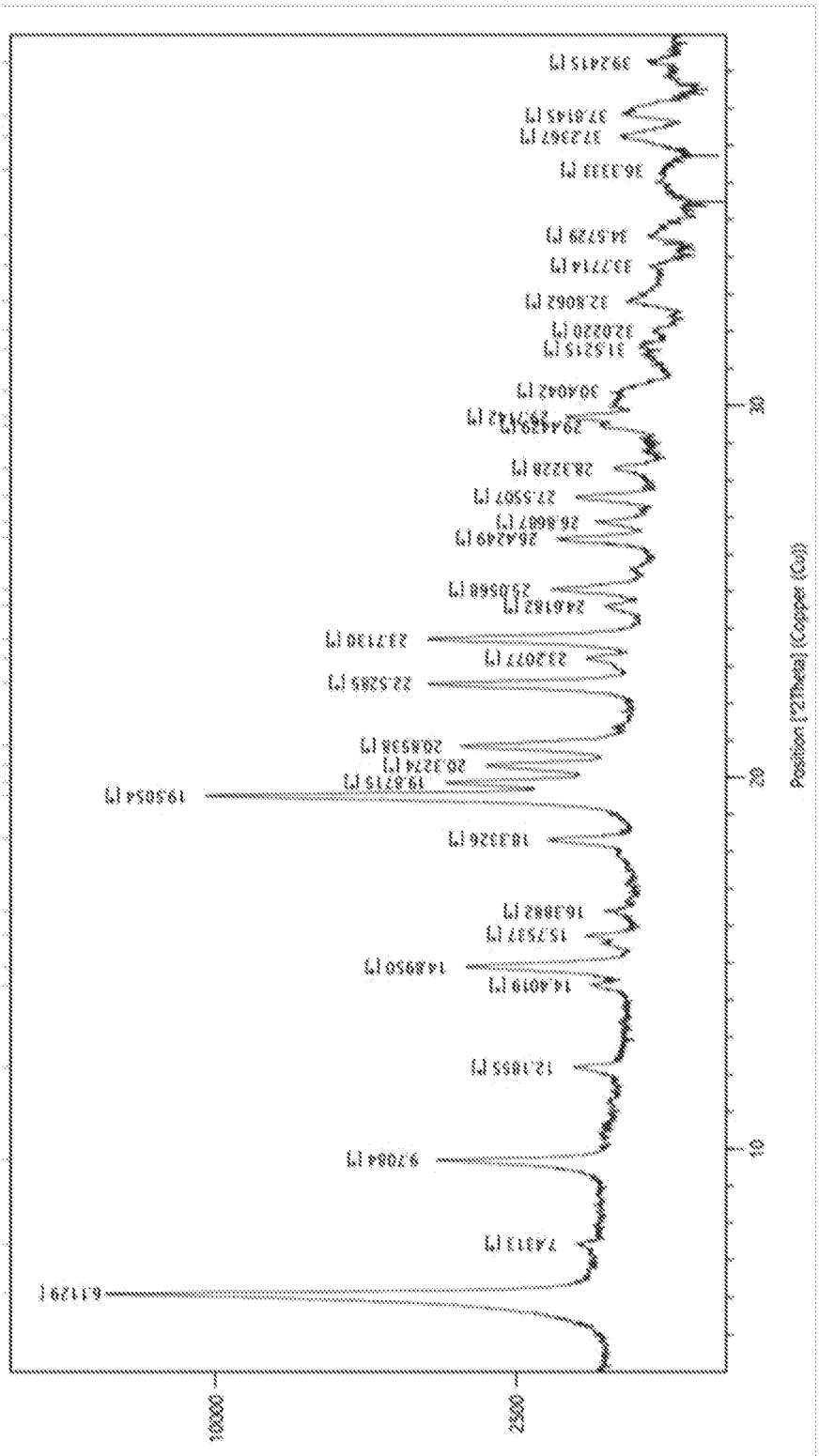


图 20

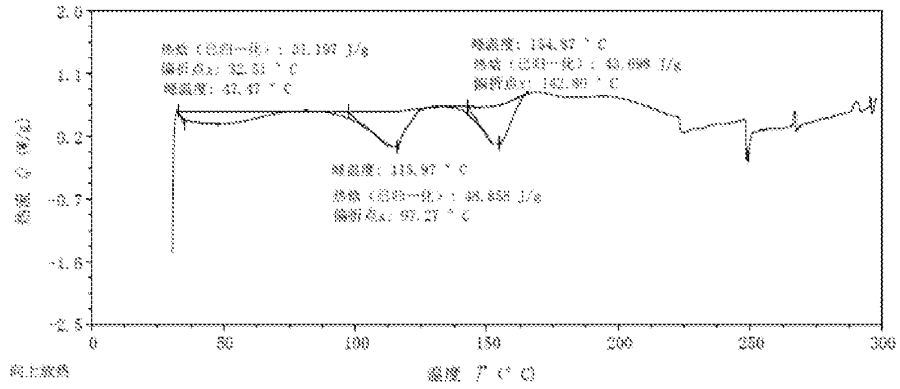

3.0
1.1
0.2
-0.7
-1.6
-2.5
0
50
100
150
200
250
300
温度 /°C

图 21

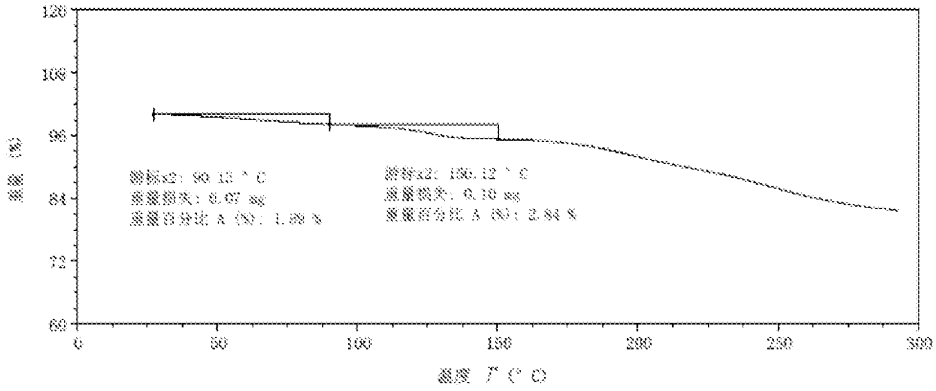

120
108
96
84
72
60
0
50
100
150
200
250
300
温度 /°C

图 22

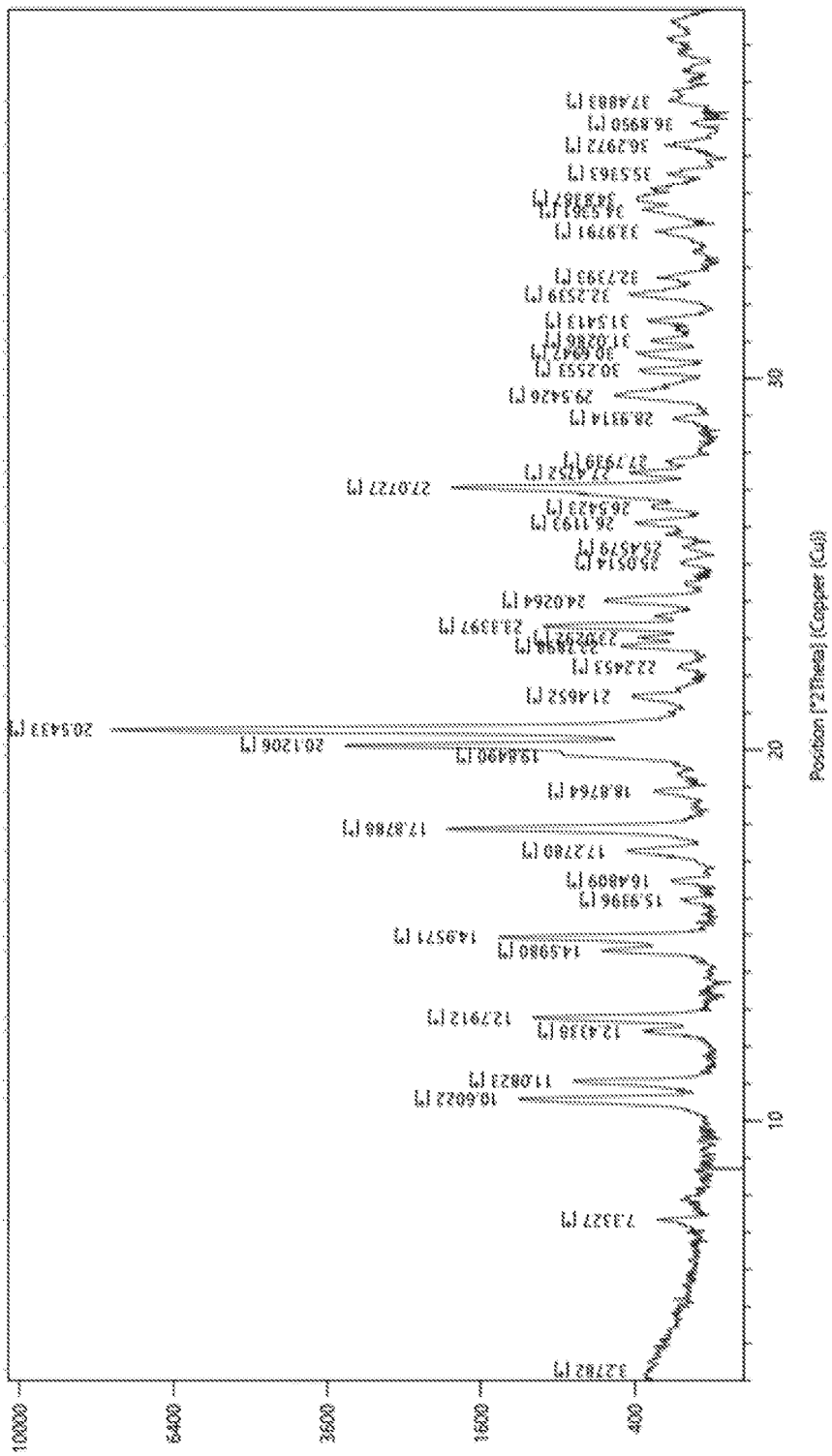

10000
6400
3600
1600
400
10
20
30
Position [°2Theta] (Copper (Cu))
7.3327
10.6022
11.0823
12.4139
12.7912
14.5980
14.9571
15.9396
16.4809
17.2780
17.8780
18.8764
19.8490
20.1206
20.5433
21.4652
22.2453
23.1397
24.0264
26.1193
26.5423
27.0727
28.9314
29.5426
30.2553
32.2539
33.9791
35.5363
36.8950
37.4883

图 23

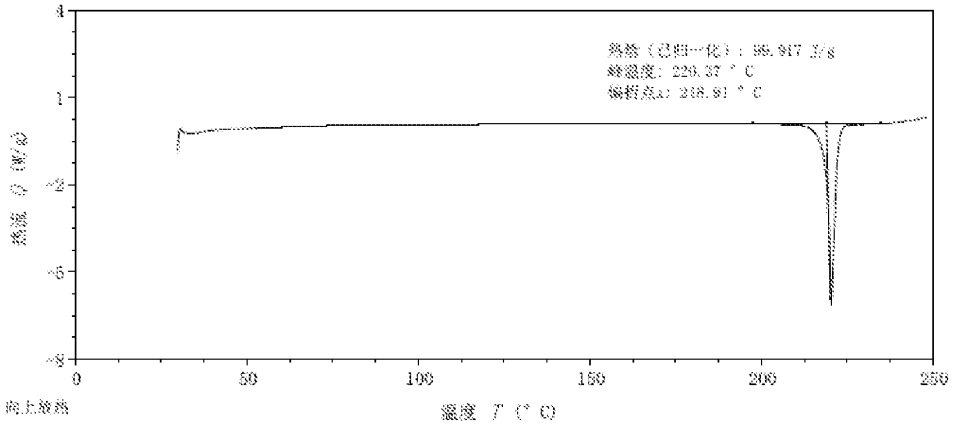

4
1
-2
-5
-8
0
50
100
150
200
250
向上放热
温度 T (° C)

图 24

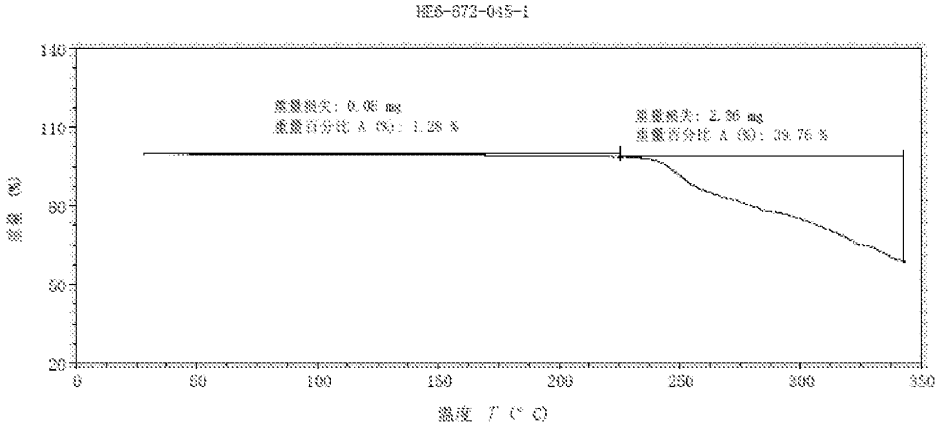

HE6-872-045-1
140
110
80
50
20
0
50
100
150
200
250
300
350
温度 T (° C)

图 25

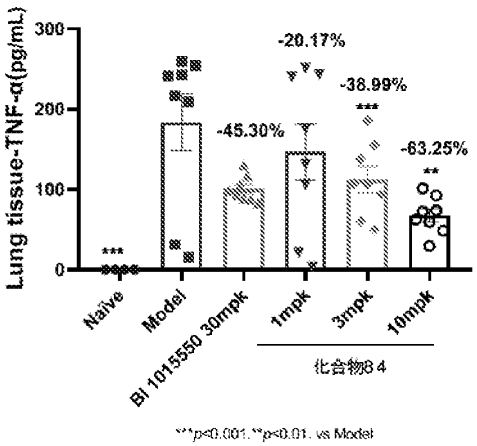

Lung tissue-TNF-α(pg/mL)
300
200
100
0
-20.17%
-38.99%
-45.30%
-63.25%
***
**
Naive
Model
BI 1015550 30mpk
1mpk
3mpk
10mpk
化合物84
***p<0.001, **p<0.01, vs Model

图 26

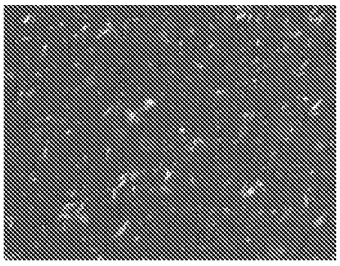


图 27

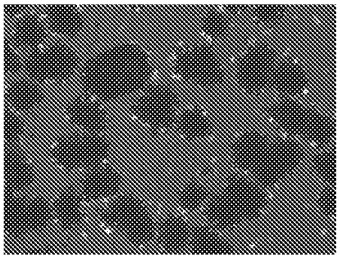


图 28